## **EAST Search History**

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
	0	coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:24
L3	618	coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:25
L4	34	L3 and reference adj position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:26
L13	5	coding and retrieving and reference adj position and prior adj image	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:31
L14	4	L13 and (@ad<"20030429" or @rlad<"20030429" or @prad<"20030429" or @ptad<"20030429")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:32

_15	4	L13 and @ad< "20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:33
L17	0	L15 and subset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/30 10:35
S1	0	(coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial).CLM.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:41
S2	0	(coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial).CLM.	US-PGPUB	OR	ON	2008/11/17 14:41
S3	8	((ANDREAS) near2 (BJORKLUND)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/17 14:43
S4	15	((TOMAS) near2 (EDSO)).INV.	US-PGPUB; USPAT	OR	ON	2008/11/17 14:44
S5	0	coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ÖN	2008/11/17 14:44
S6	0	coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:44

\$7	534	coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:45
S8	5	S3 and coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:52
39	13	S4 and coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:52
S10	3	S8 and (@ad<"20030429" or @rlad<"20030429" or @prad<"20030429")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:57
S11	9	S9 and (@ad<"20030429" or @rlad<"20030429" or @prad<"20030429")	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:57
S12	2	S8 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 14:58
S13	5	S11 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ÖN	2008/11/17 14:58

S14	2	"20030012455"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:09
S15	2	S14 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:09
\$16	98	(("(5847098") or ("6107465") or ("5342614") or ("5368965") or ("6197821") or ("4290963") or ("4918202") or ("4994584") or ("5262519") or ("5565563") or ("4260562") or ("4284720") or ("4528190") or ("4925976") or ("5362751") or ("5362751") or ("5362751") or ("5362409") or ("6005099") or ("6022998") or ("6028207") or ("4315866") or ("4320639") or ("4338249") or ("4338332") or ("4377815") or ("4384120") or ("4433502") or ("4496748") or ("4549116") or ("4552868") or ("4584289") or ("5334714") or ("5344938") or ("5421748") or ("5537945") or ("5539112") or ("5580943") or ("6025467") or ("6075140") or ("6211363") or ("6211363") or ("4277409") or ("4291038") or ("4377517). pn.")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/17
S17	98	S16 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:11
S18	0	S17 and coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:12

S19	0	S17 and coding adj pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:12
S20	24	(("(5872871") or ("6310988") or ("4817171") or ("5477012") or ("6570104") or ("6674427") or ("6667695") or ("20030012455") or ("5973110") or ("20030128194") or ("6548768") or ("20020044138") or ("6663008") or ("20040188526).pn")).PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/11/17 15:27
S21	9	\$20 and coding adj pattern and decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:27
\$22	9	S21 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:28
S23	0	S21 and coding adj pattern and decoding and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:28
S24	0	\$21 and extract\$3 and sequence and images and positin and recorded and sensor and reference adj position and matching and reference adj area and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:29
S25	0	\$21 and sequence and images and positin and recorded and sensor and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:29

S26	0	S21 and positin and recorded and sensor and subset and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:29
S27	0	S21 and positin and recorded and sensor and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:30
S28	0	S22 and positin and recorded and sensor and spatial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:30
S29	7	S22 and subset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:53
\$30	1	S29 and pattern adj reference	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:55
S31	0	S30 and estimat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:56
S32	0	S30 and polynomial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:57

\$33	0	\$30 and extrapolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:57
S34	37	S7 and polynomial	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:57
\$35	4	S34 and extrapolat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:58
S36	1	S35 and estimat\$3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:58
S37	0	S36 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 15:58
S38	1	S30 and subset	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/11/17 16:01
S39	391	record\$3 and(sensor or scanner or scann)and coding adj pattern and processor	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:02

340	24	S39 and reference adj position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:03
341	3	S39 and retrieving and reference adj position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:03
342	2	S41 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:05
\$43	107	S39 and retrieving	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:07
S44	3	S40 and retrieving	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:08
\$45	819	position adj decoding	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:13
S46	197	S45 and record\$3 and(sensor or scanner or scann)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:20

S47	130	S46 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:29
S48	1	S47 and retrieving and reference adj position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:30
349	0	S48 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:30
350	5	S47 and reference adj position	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:33
351	2	S50 and @ad<"20030429"	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:40
352	1	\$50 and extract\$3 and match\$3 and position and reference adj(area or region) and pattern	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/05/15 14:55
S53	0	382/188,179,181,305,173.ccls	USPAT	OR	ON	2009/05/15 15:07
354	2590	382/188,179,181,305,173.ccls.	USPAT	OR	ON	2009/05/15 15:11
S55	1	S54 and position adj decoding	USPAT	OR	ON	2009/05/15 15:13

S56	1	S55 and record\$3 and(sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:14
S57	1	\$56 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:14
S58	0	S57 and reference adj position	USPAT	OR	ON	2009/05/15 15:15
S59	0	\$57 and extract\$3 and match\$3 and position and reference adj(area or region)and pattern	USPAT	OR	ON	2009/05/15 15:19
S60	2034	358/473,406,401,402.COLS.	USPAT	OR	ON	2009/05/15 15:25
S61	0	S60 and position adj decoding	USPAT	OR	ON	2009/05/15 15:25
S62	901	S60 and record\$3 and(sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:26
S63	44	S62 and reference adj position	USPAT	OR	ON	2009/05/15 15:26
S64	11	S63 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:26
S65	0	S64 and extract\$3 and match\$3 and position and reference adj(area or region)and pattern	USPAT	OR	ON	2009/05/15 15:26
S66	2	S64 and retrieving and reference adj position	USPAT	OR	ON	2009/05/15 15:27
S67	6842	345/156,175,157,103,104,164,165,173,179.CQLS.	USPAT	OR	ON	2009/05/15 15:30
S68	19	S67 and coding adj pattern and decoding	USPAT	OR	ON	2009/05/15 15:31
S69	17	S68 and record\$3 and(sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:31
S70	0	S69 and reference adj position	USPAT	OR	ON	2009/05/15 15:31
S71	12	\$69 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:31

S72	0	S71 and extract\$3 and match\$3 and position and reference adj(area or region)and pattern	USPAT	OR	ON	2009/05/15 15:32
373	0	S71 and retrieving and reference adj position	USPAT	OR	ON	2009/05/15 15:33
S74	5	S71 and @ad<"20030429"	USPAT	OR	ON	2009/05/15 15:33
S75	0	S74 and reference adj image\$1	USPAT	OR	ON	2009/05/15 15:37
S76	978	178/18.09,18.01.cds.	USPAT	OR	ON	2009/05/15 15:42
S77	10	S76 and coding adj pattern and decoding	USPAT	OR	ON	2009/05/15 15:42
S78	9	S77 and record\$3 and(sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:43
S79	1	S78 and reference adj position	USPAT	OR	ON	2009/05/15 15:43
S80	0	S79 and extract\$3 and match\$3 and position and reference adj(area or region)and pattern	USPAT	OR	ON	2009/05/15 15:43
S81	1	\$79 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:44
S82	1059	235/494.cds.	USPAT	OR	ON	2009/05/15 15:45
S83	27	S82 and coding adj pattern and decoding	USPAT	OR	ON	2009/05/15 15:45
S84	19	\$83 and record\$3 and(sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:46
\$85	1	S84 and reference adj position	USPAT	OR	ON	2009/05/15 15:46
S86	0	\$84 and extract\$3 and match\$3 and position and reference adj(area or region)and pattern	USPAT	OR	ON	2009/05/15 15:46
S87	17	\$84 and identify\$3 and(marks or dots)and record\$3 and (sensor or scanner or scann)	USPAT	OR	ON	2009/05/15 15:46

S88	0	S87 and reference adj position	USPAT	OR	ON	2009/05/15 15:47
S89	1	(position adj decoding and pattern and sensor and reference adj position and extract\$3 and match\$3 and subset and spatial).CLM.	US-PGPUB	OR	ON	2009/05/15 16:00
S90	0	\$87 and subset	US-PGPUB	OR	ON	2009/05/15 16:00
S91	3	\$87 and probability adj matrix	USPAT	OR	ON	2009/05/15 16:03
S92	32	("46060694" "4998010" "5221833" "5245165" "5442147" "5449896" "5453605" "5449896" "5521372" "5821523" "5852434" "5898166" "5937110" "6182901" "6929183" "7145556" "7195166" "20030056169").pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/09/19 17:53

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	4	(position adj decoding and pattern and sensor and reference adj position and extract\$3 and match\$3 and subset and spatial).CLM.	US-PGPUB; USPAT; UPAD	OR	ON	2009/09/30 10:22

9/30/09 10:37:51 AM

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